

IN THE CLAIMS:

Claims 1-20 (Canceled).

21. (Currently amended) A cold forging apparatus for performing multiple functions at a single station to form complex shapes, said apparatus comprising:

a first multiple function punch assembly including a first inner punch and a first outer punch moveable along a common axis with respect to one another;

a third moveable punch moveable along a second axis;  
means for moving said punches individually along said axes;

means for positioning a die for receiving a mass of metal and for action upon said mass of metal in response to movement of said punches to thereby form a complex shape at a single station, and

a programmable logic controller, a multi-axis controller, and feedback devices including a position sensor for each of said first inner and outer punches, and means for controlling movement of said first inner and outer punches individually along said common axis in response to the sensed position of said first inner and outer punches to thereby form a complex shape.

22. (Currently amended) A cold forging apparatus for performing multiple functions at a single station to form complex shapes according to Claim 21 in which said axes are parallel but linearly offset from one another whereby said first inner and outer [[and second]] punches impact on one portion of a metal mass and said third punch impacts on another portion of the metal mass.

23. (Original) A cold forging apparatus for performing multiple functions at a single station to form complex shapes according to Claim 21 in which said common axis and said axis of said third punch are angularly offset from one another but constructed and arranged so that each of said punches impact on a mass of metal at a single station.

24. (Original) A cold forging apparatus for performing multiple functions at a single station to form complex shapes according to Claim 21 in which said third punch is a second multiple function punch assembly including a second inner punch and a second outer punch moveable along a common axis.

25. (Original) A cold forging apparatus for performing multiple functions at a single station to form complex shapes according to Claim 24 in which said second multiple function punch assembly is in a generally confronting relationship with

said first multiple function punch assembly.

26. (Original) A cold forging apparatus for performing multiple functions at a single station to form complex shapes according to claim 25 in which said first and said second punch assemblies are disposed on a common axis and adapted to impact on opposite sides of said mass of metal.

27. (Original) A cold forging apparatus for performing multiple functions at a single station to form complex shapes according to claim 21 which includes an additional punch moveable along an axis so that said additional punch impacts on a different portion of the mass of metal.

28. (Original) A cold forging apparatus for performing multiple functions at a single station to form complex shapes according to Claim 27 in which said additional punch is a multi functional punch assembly including a third inner punch and a third outer punch moveable along a common axis with respect to one another.